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**C22C 5/06****C23C 14/34****G11B 7/24****G11B 7/26**(21)Application number : **2001-358851**(71)Applicant : **mitsubishi materials corp**(22)Date of filing : **26.11.2001**(72)Inventor : **MISHIMA TERUSHI****(54) SILVER-ALLOY SPUTTERING TARGET FOR FORMING REFLECTIVE LAYER ON OPTICAL RECORDING MEDIUM**

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a silver-alloy sputtering target for forming a reflective layer on an optical recording medium such as optical recording disks (CD-RW and DVD-RAM).

SOLUTION: This sputtering target comprises (1) a silver alloy having a composition including 1-20 mass% Zn, further 0.005-0.05 mass% in total of one or more selected among Ca, Be, or Si, and the balance Ag, (2) a silver alloy having a composition including 1-20 mass% Zn, further 0.1-3 mass% in total of one or more selected among Dy, La, Nd, Tb, or Gd, and the balance Ag, or (3) a silver alloy having a composition including 1-20 mass% Sn, further 0.005-0.05 mass% in total of one or more selected among Ca, Be, and Si, further 0.1-3 mass% in total of one or more selected among Dy, La, Nd, Tb, or Gd, and the balance Ag.

**LEGAL STATUS**

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